

=> file caplus biosis

=> s (werner, s?)/au

L1 1751 (WERNER, S?)/AU

=> s (kandzia, r?)/au

L2 17 (KANDZIA, R?)/AU

=> s (eliby, s?)/au

L3 7 (ELIBY, S?)/AU

=> s (marillonnet, s?)/au

L4 55 (MARILLONNET, S?)/AU

=> s (klimyuk, v?)/au

L5 97 (KLIMYUK, V?)/AU

=> s (gleba, y?)/au

L6 330 (GLEBA, Y?)/AU

=> s l1 or l2 or l3 or l4 or l5 or l6

L7 2131 L1 OR L2 OR L3 OR L4 OR L5 OR L6

=> s ((trans(5a)splic?) or (split?(5a)(sequence? or gene or genes)) or ((protein? or peptide?)(5a)complement?) or multimer?)/ab,bi

L8 58454 ((TRANS(5A) SPLIC?) OR (SPLIT?(5A)(SEQUENCE? OR GENE OR GENES))

OR ((PROTEIN? OR PEPTIDE?)(5A) COMPLEMENT?) OR
MULTIMER?)/AB,BI

=> s l7 and l8

L9 10 L7 AND L8

=> dup rem l9

PROCESSING COMPLETED FOR L9

L10 10 DUP REM L9 (0 DUPLICATES REMOVED)

=> d l10 1-10

L10 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2008:479113 CAPLUS <<LOGINID::20080625>>

TI A novel hybrid seed system for plants

AU Gils, Mario; ***Marillonnet, Sylvestre*** ; ***Werner, Stefan*** ;

Gruetznern, Ramona; Giritch, Anatoli; Engler, Carola; Schachschneider,

Ralf; ***Klimyuk, Victor*** ; ***Gleba, Yuri***

CS Nordsaat Saatzucht GmbH, Biozentrum Halle, Halle, D-06120, Germany
SO Plant Biotechnology Journal (2008), 6(3), 226-235
CODEN: PBJLAE; ISSN: 1467-7644

L10 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:697019 CAPLUS <<LOGINID::20080625>>
DN 143:167674

TI An environmentally safe two-component ssRNA virus-derived plant expression
system using RNA replicon having no viral movement-associated
proteins, and a ***complementing*** helper replicon
IN Marillonet, Sylvestre; Thoeringer, Carola; ***Klimyuk, Victor***;
Gleba, Yuri

PA Icon Genetics A.-G., Germany
SO PCT Int. Appl., 75 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005071090	A1	20050804	WO 2005-EP492	20050119

L10 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:453372 CAPLUS <<LOGINID::20080625>>
DN 141:18763

TI Method of switching on cellular processes in plants by externally applied
polypeptides

IN ***Werner, Stefan***; ***Marillonet, Sylvestre***; ***Klimyuk,***
Victor; ***Gleba, Yuri***

PA Icon Genetics Ag, Germany; Icon Genetics, Inc.
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004046360	A2	20040603	WO 2003-EP13018	20031120

L10 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:453371 CAPLUS <<LOGINID::20080625>>
DN 141:18762

TI Method of controlling cellular process in plants by externally applied
signal

IN ***Werner, Stefan***; ***Marillonet, Sylvestre***; ***Klimyuk,***

*** Victor*** ; ***Gleba, Yuri***

PA Icon Genetics Ag, Germany; Icon Genetics, Inc.

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004046359	A2	20040603	WO 2003-EP13016	20031120
	WO 2004046359	A3	20040826		

L10 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:972228 CAPLUS <<LOGINID::20080625>>

DN 140:37058

TI Transgenic plants with controlled distribution of a trait to progeny by
splitting a trait-encoding ***gene*** in fragments positioned
in the same locus of homologous chromosomes

IN ***Werner, Stefan*** ; Giritch, Anatoly; ***Eliby, Serik*** ;
Marillonnet, Sylvestre ; ***Klimyuk, Victor*** ; ***Gleba,***
*** Yuri***

PA Icon Genetics A.-G., Germany; Icon Genetics Inc.

SO PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003102197	A1	20031211	WO 2003-EP2986	20030321
	US 20050172353	A1	20050804	US 2004-514905	20041117

L10 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:757077 CAPLUS <<LOGINID::20080625>>

DN 139:275233

TI Genes expressed in wound healing for use in the diagnosis or treatment of
skin diseases and their use in identifying pharmacologically active
substances

IN Wolf, Eckhard; ***Werner, Sabine*** ; Halle, Jörn-peter; Regenbogen,
Johannes; Goppelt, Andreas

PA Germany

L10 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:927583 CAPLUS <<LOGINID::20080625>>

DN 138:20480

TI Amplification vectors based on ribozyme-mediated ***trans*** -
 splicing for expressing a sequence of interest
 IN ***Klimyuk, Victor*** ; Ivanov, Peter; ***Marillonnet, Sylvestre***
 ; Zenk, Meinhardt; ***Gleba, Yuri***
 PA Icon Genetics AG, Germany
 SO PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002097080	A2	20021205	WO 2002-EP4764	20020430
	WO 2002097080	A3	20030206		
	US 20050221323	A1	20051006	US 2004-512920	20041029

L10 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2002:276170 CAPLUS <<LOGINID::20080625>>
 DN 136:305094

TI Crucifer tobamovirus vector containing internal ribosome entry sites for
 cap-independent translation of heterologous genes in transgenic plants
 IN ***Gleba, Yuri*** ; Dorokov, Yuri; Ivanov, Peter; Atabekov, Joseph
 PA Icon Genetics A.-G., Germany
 SO PCT Int. Appl., 90 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002029068	A2	20020411	WO 2001-EP11629	20011008
	WO 2002029068	A3	20021003		
	US 20040055037	A1	20040318	US 2003-398260	20031022

L10 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2002:87233 CAPLUS <<LOGINID::20080625>>
 DN 136:133029

TI Genes expressed in wound healing for use in the diagnosis or treatment of
 skin diseases and their use in identifying pharmacologically active
 substances
 IN Halle, Joern-Peter; Goppelt, Andreas; Regenbogen, Johannes; ***Werner,***
 *** Sabine*** ; Wolf, Eckhard

L10 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1993:2891 CAPLUS <<LOGINID::20080625>>
DN 118:2891
OREF 118:627a,630a
TI Characterization of the 9.5-kDa ubiquinone-binding protein of
NADH:ubiquinone oxidoreductase (complex I) from *Neurospora crassa*
AU Heinrich, Helga; Azevedo, Jorge E.; ***Werner, Sigurd***

=> s ((plant?(10a)hybridiz?) or cross?)/ab,bi
L11 1411519 ((PLANT?(10A) HYBRIDIZ?) OR CROSS?)/AB,BI

=> s l8 and l11
L12 4377 L8 AND L11

=> s l8(20a)l11
L13 1756 L8(20A) L11

=> s ((hybridiz? or cross?)(10a)plant?)/ab,bi
L14 22138 ((HYBRIDIZ? OR CROSS?)(10A) PLANT?)/AB,BI

=> s l8(20a)l14
L15 8 L8(20A) L14

=> s l8 and l14
L16 42 L8 AND L14

=> s l16 not l10
L17 41 L16 NOT L10

=> dup rem l17
PROCESSING COMPLETED FOR L17
L18 33 DUP REM L17 (8 DUPLICATES REMOVED)

=> d l18 ti py 1-33

L18 ANSWER 1 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1
TI Production of an anti-mouse MHC class II monoclonal antibody with
biological activity in transgenic tobacco
PY 2007

L18 ANSWER 2 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Characterization of a gene encoding DNA repair protein XRCC3 from
Arabidopsis thaliana
PY 2007

L18 ANSWER 3 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2

TI Three digoxigenin-labeled cDNA probes for specific detection of the natural population of Barley yellow dwarf viruses in China by dot-blot hybridization
PY 2007

L18 ANSWER 4 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Multiplex branched-chain DNA assays using cooperative hybridization between capture probes, capture extenders and label extenders
PY 2006

L18 ANSWER 5 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Inducible expression of recombinant proteins in plants using reversibly inactivated viral replicon
PY 2006

L18 ANSWER 6 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Possible genetic damage in the Czech nuclear power plant workers
PY 2006

L18 ANSWER 7 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Fumonisin detoxification enzyme gene isolated from environmental microorganisms, compositions and methods for making fumonisin-resistant transgenic plants, and detoxification for grains and foods and feeds
PY 2004

L18 ANSWER 8 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 3
TI Many independent origins of ***trans*** ***splicing*** of a plant mitochondrial group II intron
PY 2004

L18 ANSWER 9 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Method of controlling site-specific recombination using split intein-mediated protein splicing
PY 2003

L18 ANSWER 10 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Use of cDNAs encoding XRCC1 protein of corn in DNA single-strand break repair and cell survival of transgenic plants
PY 2002

L18 ANSWER 11 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Molecular and immunological characterization of profilin from mugwort pollen
PY 2002

L18 ANSWER 12 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cytogenomic analyses reveal the structural plasticity of the chloroplast
genome in higher plants
PY 2001

L18 ANSWER 13 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Transgenic tobacco established with aspartic proteinase inhibitor gene
PY 2000

L18 ANSWER 14 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Protein and antibody production in transgenic alfalfa plants meeting
regulatory requirements
PY 1999

L18 ANSWER 15 OF 33 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on
STN
TI Protein production in transgenic alfalfa plants.
PY 1999

L18 ANSWER 16 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 4
TI Characterization of intronic uridine-rich sequence elements acting as
possible targets for nuclear proteins during pre-mRNA splicing in
Nicotiana plumbaginifolia
PY 1996

L18 ANSWER 17 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI A tobacco protein kinase, NPK2, has a domain homologous to a domain found
in activators of mitogen-activated protein kinases (MAPKKs)
PY 1995

L18 ANSWER 18 OF 33 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on
STN
TI The production of recombinant proteins in plants.
PY 1995

L18 ANSWER 19 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 5
TI The gene encoding plantaricin A, a bacteriocin from Lactobacillus
plantarum C11, is located on the same transcription unit as an agr-like
regulatory system
PY 1994

L18 ANSWER 20 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI in vitro analysis of plant mitochondrial transcription
PY 1993

L18 ANSWER 21 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Characterization of three related low-temperature-regulated cDNAs from
winter Brassica napus
PY 1993

L18 ANSWER 22 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Molecular cloning of two novel protein kinase genes from Arabidopsis
thaliana
PY 1993

L18 ANSWER 23 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI ***Trans*** - ***splicing*** ribozymes, their preparation, and their
use in cell ablation
PY 1992

L18 ANSWER 24 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 6
TI Factors influencing Agrobacterium tumefaciens mediated transformation and
expression of kanamycin resistance in pickling cucumber
PY 1992

L18 ANSWER 25 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Compositions containing plant-produced glycopolypeptide ***multimers***
, ***multimeric*** proteins, and their use
PY 1991

L18 ANSWER 26 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cloning of tospovirus cDNA and its use in plants for inhibition or
detection of tospovirus infection
PY 1991

L18 ANSWER 27 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 7
TI Genomic homologous recombination in planta
PY 1991

L18 ANSWER 28 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 8
TI Physicochemical properties of amaranthin, the lectin from Amaranthus
caudatus seeds
PY 1990

L18 ANSWER 29 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Tissue-specific expression of a cDNA clone from cell suspension cultures
of Lupinus polyphyllus
PY 1990

L18 ANSWER 30 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN

TI Production of antibodies in transgenic plants
PY 1989

L18 ANSWER 31 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Nodule-specific proteins in alfalfa (*Medicago sativa* L.)
PY 1985

L18 ANSWER 32 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
TI Role of molybdenum in the synthesis of nitrate reductase in cauliflower
(*Brassica oleracea* var *botrytis*) and spinach (*Spinacea oleracea*)
PY 1974

L18 ANSWER 33 OF 33 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on
STN

TI Genetic analysis of fertility restorers in the maize cultivar Risovaya-645
[Engl. sum.].
Original Title: Geneticheskii analiz vosstanovitelei ferti'nosti v sorte
kukuruzu risovaya 645 [Engl. sum.].
PY 1966

=> d 118 5 8 9 10 13-15 18 20 23 25 26 30 ab

=> d 118 9 14 15 18 25 30

L18 ANSWER 9 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:818070 CAPLUS <<LOGINID::20080625>>
DN 139:318381
TI Method of controlling site-specific recombination using split
intein-mediated protein splicing
IN Yadav, Narendra S.; Yang, Jianjun
PA E. I. Du Pont De Nemours and Company, USA
SO U.S. Pat. Appl. Publ., 52 pp.
CODEN: USXXCO

DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 20030194809	A1	20031016	US 2003-353454	20030129
US 7238854	B2	20070703		
PRAI US 2002-352798P	P	20020411		

L18 ANSWER 14 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:326064 CAPLUS <<LOGINID::20080625>>

DN 130:348196

TI Protein and antibody production in transgenic alfalfa plants meeting regulatory requirements

IN Vezina, Louis-P.; Laberge, Serge; Bazin, Renee; Khoudi, Habib; Lemieux, Real; Allard, Guy

PA Minister of Agriculture and Agri-Food Canada, Can.; Canadian Red Cross Society; Universite Laval

SO PCT Int. Appl., 51 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9924592	A1	19990520	WO 1998-CA1055	19981110

L18 ANSWER 15 OF 33 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on

STN

AN 2000:279556 BIOSIS <<LOGINID::20080625>>

DN PREV200000279556

TI Protein production in transgenic alfalfa plants.

AU Vezina, Louis-P. [Inventor, Reprint author]; Laberge, Serge [Inventor]; Bazin, Renee [Inventor]; Khoudi, Habib [Inventor]; Lemieux, Real [Inventor]; Allard, Guy [Inventor]

CS Sainte-Foy, Canada

ASSIGNEE: Canadian Red Cross Society, Sainte-Foy, Canada; Universite Laval

PI US 5990385 19991123

L18 ANSWER 18 OF 33 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on

STN

AN 1995:298728 BIOSIS <<LOGINID::20080625>>

DN PREV199598313028

TI The production of recombinant proteins in plants.

AU Whitelam, Garry C.

CS Dep. Botany, Univ. Leicester, Leicester LE1 7RH, UK

SO Journal of the Science of Food and Agriculture, (1995) Vol. 68, No. 1, pp. 1-9.

CODEN: JSFAAE. ISSN: 0022-5142.

L18 ANSWER 25 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1991:469834 CAPLUS <<LOGINID::20080625>>

DN 115:69834

OREF 115:12051a,12054a

TI Compositions containing plant-produced glycopolypeptide ***multimers***

, ***multimeric*** proteins, and their use
IN Haitt, Andrew C.; Hein, Mich B.
PA Scripps Clinic and Research Foundation, USA
SO PCT Int. Appl., 148 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9106320	A1	19910516	WO 1990-US6179	19901025
	US 5202422	A	19930413	US 1990-591823	19901002

L18 ANSWER 30 OF 33 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:49912 CAPLUS <<LOGINID::20080625>>

DN 112:49912

OREF 112:8465a,8468a

TI Production of antibodies in transgenic plants

AU Hiatt, Andrew; Cafferkey, Robert; Bowdish, Katherine

CS Dep. Mol. Biol., Res. Inst. Scripps Clin., La Jolla, CA, 92037, USA

SO Nature (London, United Kingdom) (1989), 342(6245), 76-8

CODEN: NATUAS; ISSN: 0028-0836

=> s l8 and (geminivir?)/ab,bi

L19 44 L8 AND (GEMINIVIR?)/AB,BI

=> s l19 not l10

L20 44 L19 NOT L10

=> s l20 not l18

L21 44 L20 NOT L18

=> dup rem l21

PROCESSING COMPLETED FOR L21

L22 28 DUP REM L21 (16 DUPLICATES REMOVED)

=> d l22 1-28 ti py

L22 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN

TI Construction of infectious clones for DNA viruses: mastreviruses

PY 2008

L22 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1

TI A simplified method of constructing infectious clones of begomovirus

employing limited restriction enzyme digestion of products of rolling
circle amplification
PY 2008

L22 ANSWER 3 OF 28 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN

TI A divergent isolate of Tomato yellow leaf curl virus from Oman with an
associated DNA beta satellite: an evolutionary link between Asian and the
Middle Eastern virus-satellite complexes.
PY 2008

L22 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN
TI Stabilized virus-like particles and epitope display systems
PY 2007

L22 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2
TI Application of Phi29 DNA polymerase in identification and full-length
clone inoculation of tomato yellow leaf curl Thailand virus and tobacco
leaf curl Thailand virus
PY 2007

L22 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN
TI Transcriptional analysis of complementary sense genes in Spinach curly top
virus and functional role of C2 in pathogenesis
PY 2007

L22 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 3
TI Characterization of DNA intermediates of an arising ***geminivirus***
PY 2007

L22 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN
TI A single complementary-sense transcript of a ***geminiviral*** DNA
.beta. satellite is determinant of pathogenicity
PY 2005

L22 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 4
TI Short deletions in nuclear targeting sequences of African cassava mosaic
virus coat protein prevent ***geminivirus*** twinned particle
formation
PY 2004

L22 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 5
TI Complementation of bipartite begomovirus movement functions by
topocoviruses and curtoviruses
PY 2001

L22 ANSWER 11 OF 28 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on
STN

TI The size of encapsidated single-stranded DNA determines the multiplicity
of African cassava mosaic virus particles.
PY 2001

L22 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 6
TI Simultaneous analysis of the bidirectional African cassava mosaic virus
promoter activity using two different luciferase genes
PY 2001

L22 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 7
TI A phage single-stranded DNA (ssDNA) binding ***protein***
complements ssDNA accumulation of a ***geminivirus*** and
interferes with viral movement
PY 1999

L22 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 8
TI ***Complementation*** of coat ***protein*** mutants of pepper
huasteco ***geminivirus*** in transgenic tobacco plants
PY 1999

L22 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 9
TI The bipartite ***geminivirus*** coat protein aids BR1 function in
viral movement by affecting the accumulation of viral single-stranded DNA
PY 1998

L22 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 10
TI Prediction of functional regions of the maize streak virus
replication-associated proteins by protein-protein interaction analysis
PY 1998

L22 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 11
TI Psittacine beak and feather disease virus nucleotide sequence analysis and
its relationship to porcine circovirus, plant circoviruses, and chicken
anemia virus
PY 1998

L22 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 12
TI Functional domains of a ***geminivirus*** replication protein
PY 1997

L22 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 13
TI Splicing features in maize streak virus virion- and complementary-sense
gene expression

PY 1997

L22 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN

TI A maize cDNA encoding a member of the retinoblastoma protein family:
Involvement in endoreduplication

PY 1996

L22 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN

TI Complementation of African cassava mosaic virus AC2 gene function in a
mixed bipartite ***geminivirus*** infection

PY 1995

L22 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 14

TI Mutational analysis of potato yellow mosaic ***geminivirus***

PY 1995

L22 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 15

TI Tomato golden mosaic virus leftward gene expression: autoregulation of
geminivirus replication protein

PY 1993

L22 ANSWER 24 OF 28 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on

STN

TI Replication of maize streak virus mutants in maize protoplasts: Evidence
for a movement protein.

PY 1993

L22 ANSWER 25 OF 28 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on

STN

TI SPECIFICITY OF AGROBACTERIUM MEDIATED DELIVERY OF MAIZE
STREAK VIRUS DNA

TO MEMBERS OF THE GRAMINEAE.

PY 1989

L22 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 16

TI Characterization of ***multimeric*** DNA forms associated with tomato
golden mosaic virus infection

PY 1988

L22 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN

TI Plant DNA viruses as gene vectors

PY 1987

L22 ANSWER 28 OF 28 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on

STN

TI COMPUTER ANALYSIS IDENTIFIES SEQUENCE HOMOLOGIES BETWEEN
POTENTIAL GENE

PRODUCTS OF MAIZE STREAK VIRUS AND THOSE OF CASSAVA LATENT
VIRUS AND

TOMATO GOLDEN MOSAIC VIRUS.

PY 1985

=> d l22 ab 14 19 27

=> d l22 27

L22 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1989:109096 CAPLUS <<LOGINID::20080625>>

DN 110:109096

OREF 110:17899a,17902a

TI Plant DNA viruses as gene vectors

AU Hohn, B.; Grimsley, N.; Pisan, B.; Hohn, T.

CS Friedrich-Miescher-Inst., Basel, CH-4002, Switz.

SO Ciba Foundation Symposium (1987), 133(Plant Resist. Viruses), 185-95

CODEN: CIBSB4; ISSN: 0300-5208

=> s (autonomous?(5a)(plasmid? or vector?))/ab,bi

L23 1760 (AUTONOMOUS?(5A)(PLASMID? OR VECTOR?))/AB,BI

=> s l23 and l8

L24 34 L23 AND L8

=> s l24 not l10

L25 34 L24 NOT L10

=> s l25 not l18

L26 34 L25 NOT L18

=> s l26 not l22

L27 34 L26 NOT L22

=> dup rem l27

PROCESSING COMPLETED FOR L27

L28 21 DUP REM L27 (13 DUPLICATES REMOVED)

=> d l28 1-21 ti py

L28 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1
TI Inhibition of Non-Homologous End Joining and integration of DNA upon
transformation of *Rhizopus oryzae*
PY 2005

L28 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI ***Autonomous*** parvovirus ***vectors*** : preventing the
generation of wild-type of replication-competent virus
PY 2004

L28 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Adeno-associated virus ***trans*** - ***splicing*** vectors with
increased episomal stability and gene therapy applications
PY 2002
1999

L28 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2
TI Functional complementation of yeast cytosolic pyrophosphatase by bacterial
and plant H⁺-translocating pyrophosphatases
PY 2002

L28 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Adeno-associated viruses vectors utilizing splicing and gene therapy
applications
PY 2001

L28 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 3
TI A two-vector system for the production of recombinant polyketides in
Streptomyces
PY 2000

L28 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Vectors for the complementation analysis of cyanobacterial mutants
PY 1999

L28 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 4
TI ***Autonomous*** ***plasmid*** replication in *Aspergillus*
nidulans: AMA1 and MATE elements
PY 1997

L28 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 5
TI ***Autonomously*** replicating ***plasmids*** carrying the AMA1
region in *Penicillium chrysogenum*
PY 1996

L28 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 6

TI Multiple copies of MATE elements support ***autonomous***
plasmid replication in *Aspergillus nidulans*
PY 1996

L28 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 7
TI Efficient circularization in *Escherichia coli* of linear plasmid
multimers from *Dictyostelium discoideum* genomic DNA
PY 1996

L28 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Protein kinases of the casein kinase I HRR25 family and their DNA sequence
and antibodies
PY 1995

L28 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Autonomous replication in human cells of ***multimers*** of specific
human and bacterial DNA sequences
PY 1993

L28 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Amplifying sequence of *Streptomyces rimosus*: study of the capacity for
coamplification of hybrid plasmids, containing this sequence, in
Streptomyces lividans 66
PY 1988

L28 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 8
TI Observations on integrative transformation in *Schizosaccharomyces pombe*
PY 1988

L28 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 9
TI A mitochondrial plasmid from the plant pathogenic fungus *Cochliobolus*
heterostrophus
PY 1984

L28 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 10
TI Introduction of plasmid pC194 into *Bacillus thuringiensis* by protoplast
transformation and plasmid transfer
PY 1984

L28 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 11
TI A 140 base pair DNA segment from the kanamycin resistance region of
plasmid R1 acts as an origin of replication and promotes site-specific
recombination
PY 1984

L28 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 12

TI Yeast is unable to excise foreign intervening sequences from hybrid gene transcripts

PY 1983

L28 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 13

TI Evidence for an intron-contained sequence required for the splicing of yeast RNA polymerase II transcripts

PY 1983

L28 ANSWER 21 OF 21 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on

STN

TI ISOLATION AND CHARACTERIZATION OF A YEAST CHROMOSOMAL REPLICATOR.

PY 1979

=> s l8 and (recombinase?)/ab,bi

L29 176 L8 AND (RECOMBINASE?)/AB,BI

=> s recombinase?/ab,bi

L30 9217 RECOMBINASE?/AB,BI

=> s l8(20a)l30

L31 34 L8(20A) L30

=> s l31 not l10

L32 34 L31 NOT L10

=> s l32 not l18

L33 34 L32 NOT L18

=> s l33 not l22

L34 34 L33 NOT L22

=> s l34 not l28

L35 34 L34 NOT L28

=> dup rem l35

PROCESSING COMPLETED FOR L35

L36 21 DUP REM L35 (13 DUPLICATES REMOVED)

=> d l36 1-21 ti py

L36 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1

TI Indole signalling contributes to the stable maintenance of Escherichia

coli multicopy plasmids
PY 2007

L36 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2
TI Rad52 and Rad59 exhibit both overlapping and distinct functions
PY 2007

L36 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 3
TI Inducible gene inactivation in neurons of the adult mouse forebrain
PY 2007

L36 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Production of helper-dependent adenovirus vectors in cells expressing
recombinase and E1 proteins, and uses thereof
1999

L36 ANSWER 5 OF 21 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN
TI Homologous recombination in plants.
PY 2004

L36 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 4
TI Strand exchange activity of human recombination protein Rad52
PY 2004

L36 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 5
TI Pseudorabies virus DNA-binding protein stimulates the exonuclease activity
and regulates the processivity of pseudorabies virus DNase
PY 2002

L36 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI Homologous recombination and molecular evolution of recombination protein
homologs in plants
PY 2001

L36 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 6
TI Comparative architecture of transposase and integrase complexes
PY 2001

L36 ANSWER 10 OF 21 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on
STN
TI Analysis of the stability by multimer resolution of the multiresistance
plasmid pJHCMW1.
PY 2001

L36 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

TI Plasmid maintenance systems

PY 2000

L36 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 7

TI Structural analysis of the 6 kb cryptic plasmid pFAJ2600 from *Rhodococcus erythropolis* NI86/21 and construction of *Escherichia coli*-*Rhodococcus* shuttle vectors

PY 1997

L36 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 8

TI Detection of XerC and XerD recombinases in Gram-negative bacteria of the family Enterobacteriaceae

PY 1995

L36 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 9

TI Interactions of the site-specific recombinases XerC and XerD with the recombination site dif

PY 1994

L36 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 10

TI the .beta. recombinase from the Streptococcal plasmid pSM19035 represses its own transcription by holding the RNA polymerase at the promoter region

PY 1994

L36 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 11

TI Mechanism of cleavage and ligation by FLP ***recombinase*** :
classification of mutations in FLP ***protein*** by in vitro
complementation analysis

PY 1993

L36 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

TI Recombination activating genes-1 and -2 of the rabbit: Cloning and characterization of germline and expressed genes

PY 1993

L36 ANSWER 18 OF 21 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation
on

STN

TI RAG-1 AND RAG-2 ADJACENT GENES THAT SYNERGISTICALLY
ACTIVATE VDJ

RECOMBINATION.

PY 1990

L36 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 12

TI Nucleotide sequence and expression in *Escherichia coli* of the recA gene of

Neisseria gonorrhoeae
PY 1990

L36 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
TI ColA plasmid DNA regions responsible for stable inheritance: structural
and functional organization
PY 1989

L36 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 13
TI Structural and functional analysis of CoIE1 plasmid par-region
PY 1989

=> d l36 ab 4 8 9

=> log y

STN INTERNATIONAL LOGOFF AT 16:40:13 ON 25 JUN 2008